

RFP – Flush Plenum Troffer

Shallow Plenums Limit Troffer Options...

- The RFP provides modern full distribution lighting. At 1.5" high, it lays flush with standard 1.5" T-bar.
- Very economical full distribution option for any T-bar ceiling.

Have a hard top ceiling? Can't disturb the plenum due to asbestos?

- Gut the existing Troffer and surface mount the RFP directly over the existing shell.
- A 1-7/8" surface mount profile gives the illusion of a recessed fixture with the convenience of surface mount.

In a Tight Spot Below Deck?

- Manufacturing and distribution facilities often have 30% of their square footage beneath very low mezzanine decks.
- 7' – 9' deck elevations, shallow bar joists, and congestion below deck make good lighting a challenge.
- Suspend the ultra shallow RFP below deck to bring low glare, low elevation, energy efficient lighting to the tightest of areas.
- Bonus. If you have T5HO Hi-bays abovedeck, you now have a single lamp type to maintain.

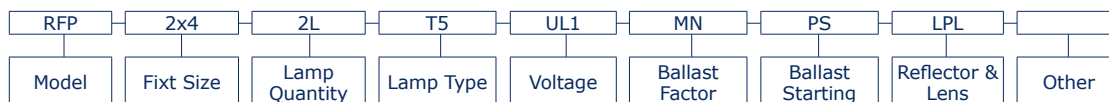
RFP – Reflector/Lens Configurations ZA & ZB



Application

- T-Bar ceilings with shallow or congested plenums.
- Suspended or surface mounted in low ceiling areas.
- Re-lighting and modernization projects where full distribution and an aesthetic upgrade are required.
- Medical, office, education, and industrial applications.

RFP – 2x4 – 2L – T5 – UL1 – MN – PS – LPL



Fixture Series

RFP = Flush Plenum Troffer

Fixture Size

2X4 = 2x4 Nominal

Lamp Qty

2L = Two Lamps

Lamp Type

T5 = Linear T5 Lamps

T5HO = Linear T5HO Lamps

Voltage

UL1 = Universal 120-277

UH1 = Universal 347-480

Ballast Factor

MN = Neutral Power (.97-1.04)

Ballast Starting Method

PS = Programmed Start

IS = Instant Start (Standard T5 Only)

Reflector & Lens

ZA = Linear Pris Lens &

Ribbed Reflector (1)

ZB = Perf Basket & Smooth Reflector

Other Options

DFK = Drywall Flange Kit

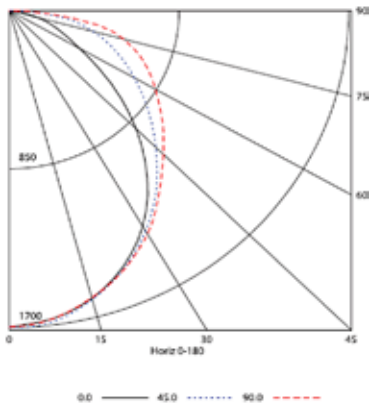
SMK = Surface Mount Kit

Numeric Footnotes

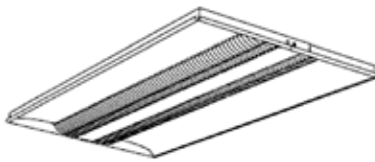
(1) Not available with T5HO.

RFP – Flush Plenum Troffer

F28 T5 Candela Plott

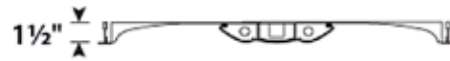


Suspended Below Mezzanine



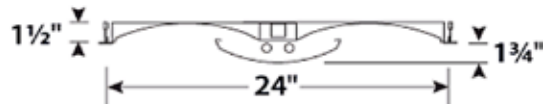
ZA - Body Type

Linear Prismatic Lens & Ribbed Reflector



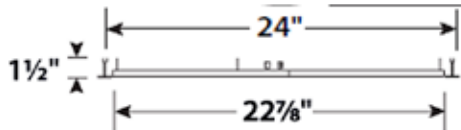
ZB - Body Type

Perforated Metal Basket & Smooth Reflector



Compressed Width

During T-Grid Installation



SMK - Surface Mount Kit
Shown with Body Type ZA



Existing Systems

Baseline Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L40-T12 Mag	2 F40/T12/WM	2,280	4,560	0.88	4,013	72	56
3L40-T12 Mag	3 F40/T12/WM	2,280	6,840	0.88	6,019	115	52
4L40-T12 Mag	4 F40/T12/WM	2,280	9,120	0.88	8,026	144	56
2L96-T12 Mag	2 F96/T12/ES	4,750	9,500	0.88	8,360	126	66
2L96-T12HO Mag	2 F96/T12HO/ES	6,950	13,900	0.93	12,927	210	62

Re-Lighting Options

Zero Plenum Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L28-T5 Elec	2 F28T5/841	2,418	4,836	1.00	4,836	63	77
2L54-T5-HO Elec	2 F54/T5HO/841	4,600	9,200	1.00	9,200	117	79

General Notes

- Lamp/ballast system values shown are a general reference intended to supply a quick comparison of several common lamp/ballast systems, the associated energy consumption, and net lumen output.
- Values shown are based on normal operating temperatures and at 277 volts.
- Fixture efficiency percentages are generally representative of each system type, actual values will vary.
- There are many operating variables that affect system output, in addition to rating variances from brand to brand.
- All T8 electronic ballast values shown are based on Ultra Efficient (aka 3rd Generation) T8 ballasts.
- All T5 and T8 lamp values shown are for basic grade lamps. Extended life and higher lumen lamps types are available.
- In addition to those shown there are a wide variety of systems to choose from, each with distinct features and cost points.
- Please consult the lamp/ballast manufacturer's catalogs for the detailed information required to model your system.